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INVESTIGATION OF ERTS-A IMAGES FOR APPLICATION TO THEMATIC MAPPING

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FOR APPLICATION TO THEMATIC MAPPING  
Progress Report, 1 Sep. - 31 Oct. 1972  
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Type I Progress Report  
ERTS-A

- a. Title: Investigation of ERTS-A Images for Application to Thematic Mapping

ERTS-A Proposal No.: SR 116

- b. GSFC ID No. of P.I.: IN 385

- c. Problems:

The proposed theme extraction experiment is based on availability of RBV images generated to NASA geometric and radiometric specifications. A request to re-activate the RBV system was forwarded during the reporting period.

- d. Accomplishments:

The EROS Autographic Theme Extraction System hardware is now assembled at McLean, Va. Final software testing for the Density Manipulation Subsystem was completed by the contractor, Wolf Research Corporation.

The Autographic Theme Extraction System will be moved from the USGS Research Center in McLean, Va., to the EROS Data Center, Sioux Falls, South Dakota, starting in early December. The move should be completed by mid February 1973. It is now anticipated that this move will not cause any serious delay in the progress of this experiment.

- e. Significant scientific results:

One RBV frame was selected, from the few now available, for initial operational testing of the density rectification capability. Results of this test will be included in the next report.

- f. Published articles and reports:  
None
- g. Recommended changes in operations: N/A
- h. **C**hanges in standing order forms: N/A
- i. ERTS Image descriptive forms: N/A
- j. Changes in Data Request forms: N/A
- k. DCP status: N/A